



网站首页 组织结构 学科建设 人才培养 师资队伍 科学研究 实验中心 专业认证 党建工作 学工在线 校

科学研究

科学研究

纵向项目、横向课题

创新平台、创新团队

学术交流

重要成果

实验室建设

重要成果

当前位置: 网站首页 >> 科学研究 >> 重

代表性研究论文

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代表性研究论文

序号	名称	作者	时间	发表刊物/出版社	备注 (限 100 字)
1	A novel hybridization indicator for the low-background detection of short DNA fragments based on an electrically neutral cobalt(II) complex	汪庆祥	201202	Biosensors and Bioelectronics	
2	Synthesis of the Double-Shell Anatase-Rutile TiO ₂ Hollow Spheres with the Enhanced Photocatalytic Activity	李顺兴	201312	Nanoscale	
3	Yolk-shell hybrid nanoparticles with magnetic and pH-sensitive properties for controlled anticancer drug delivery	李顺兴	201312	Nanoscale	
4	Water-Soluble and Lowly-Toxic Sulphur Quantum Dots	李顺兴	201402	Advanced Functional Materials	
5	Investigation on the adsorption properties of Cr(VI) ions on a novel graphene oxide (GO) based composite adsorbent	陈建华	201405	Journal of Material Chemistry A	
6	Fabrication of Positively and Negatively Charged, Double-Shelled, Nanostructured Hollow Spheres for Photodegradation of Cationic and Anionic Aromatic Pollutants under Sunlight Irradiation	李顺兴	201411	Applied Catalysis B: Environmental	
7	Ascorbic acid surface modified TiO ₂ -thin layer as a fully integrated analysis system for visual simultaneous detection of	李顺兴	201406	Nanoscale	

	organophosphorus pesticides				
8	A high-performance aptasensor for mercury (II) based on the formation of unique ternary structure of aptamer-Hg ²⁺ -neutral red.	汪庆祥	201407	Chemical Communications	
9	Highly dispersible and stable copper terephthalate MOF-graphene oxide nanocomposite for electrochemical sensing application.	汪庆祥	201406	ACS Applied Materials & Interfaces	
10	Development of a novel electrochemical DNA biosensor based on elongated hexagonal-pyramid CdS and poly-isonicotinic acid composite film.	汪庆祥	201404	Biosensors and Bioelectronics	
11	A sensitive and reliable dopamine biosensor was developed based on the Au@carbon dots-chitosan composite film.	胡世荣	201402	Biosensors and Bioelectronics	
12	Constituting fully integrated visual analysis system for Cu(II) on TiO ₂ /cellulose paper.	李顺兴	201406	Analytical Chemistry	
13	β -cyclodextrin functionalized graphene as a highly conductive and multi-site platform for DNA immobilization and ultrasensitive sensing detection	汪庆祥	201506	Biosensors and Bioelectronics	
14	Imidazoline derivative templated synthesis of broccoli-like Bi ₂ S ₃ and its electrocatalysis towards the direct electrochemistry of hemoglobin	汪庆祥	201511	Biosensors and Bioelectronics	
15	Synergistic Effect of Double-Shelled and Sandwiched TiO ₂ @Au@C Hollow Spheres with Enhanced Visible-Light-Driven Photocatalytic Activity	李顺兴	201507	ACS Applied Materials & Interfaces	
16	Porous Fe-Nx/C hybrid derived from bi-metal organic frameworks as high efficient electrocatalyst for oxygen reduction reaction	李顺兴	201604	Journal of Power Sources	
17	Graphene Oxide Directed One-step Synthesis of Flower-like Graphene@HKUST-1 for	汪庆祥	201611	ACS Applied Materials & Interfaces	

	Enzyme-free Detection of Hydrogen Peroxide in Biological Samples				
18	Visible-Light-Enabled Decarboxylative Sulfonylation of Cinnamic Acids with Sulfonylhydrazides under Transition-Metal-Free Conditions	蔡 顺 有	201606	Org. Lett.	
19	Controllable location of Au nanoparticles as cocatalyst onto TiO ₂ @CeO ₂ nanocomposite hollow spheres for enhancing photocatalytic activity	李 顺 兴	201703	Applied Catalysis B: Environmental	
20	Selective binding of Pb ²⁺ with manganese-terephthalic acid MOF/SWCNTs: Theoretical modeling, experimental study and electroanalytical application	汪 庆 祥	201706	Biosensors and Bioelectronics	

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